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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/799,853	03/15/2004	Katsuya Matsufuji	L8612.04108	2058
24257 7590 11/29/2007 STEVENS DAVIS MILLER & MOSHER, LLP 1615 L STREET, NW SUITE 850 WASHINGTON, DC 20036			EXAMINER JAMAL, ALEXANDER	
			ART UNIT 2614	PAPER NUMBER
			MAIL DATE 11/29/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/799,853	Applicant(s) MATSUFUJI, KATSUYA	
	Examiner Alexander Jamal	Art Unit 2614	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 September 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) _____ is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 20-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

DETAILED ACTION

1. Based upon the submitted amendment, the examiner notes that claims 1-19 have been cancelled and claims 20-26 have been added.

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

1. **Claim 24** recites the limitation "the analog communication line" in claim 22. There is insufficient antecedent basis for this limitation in the claim.

Claim Rejections - 35 USC § 102

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. **Claims 20-26** rejected under 35 U.S.C. 102(e) as being anticipated by Broussard et al. (6963637).

As per **claim 20**, Broussard discloses a redialing system that may be used in a PBX or public phone network using a known signaling protocol such as GSM, TDMA, CDMA which use digital communication lines and utilize a voice and signaling channel, or traditional analog communication lines such as the PSTN network (either of the digital or analog interface would inherently require a **second interface** for the purpose of interfacing with the network) (Col 2 lines 45-55, Col 4 lines 10-25). The network uses a phone (which inherently requires a **first interface** for communicating with the network) or similar device (ABSTRACT). The phone comprises storage controller 270 (Fig. 2) that sequentially stores dialed numbers, and also may detect 'trigger events' such as a connected, busy, no answer via trigger determiner 230. The device captures the entire dialing sequence, including any triggers (which inherently requires a **storage unit**) (Col 2 lines 25-40, Col 3 lines 10-30) until the call is released (disconnected) (Col 3 lines 47-60). The system comprises a redial controller (replay circuitry 280) to recreate the previously stored dialing sequence (Col 7 line 45 to Col 8 lines 45-65), including any triggers. When the 'connected' trigger is used, the network will accept the redialed number and initiate a phone call. The detection of a dial signal "acknowledgement" inherently requires a **detector**. After the 'connected' trigger has occurred, the phone will be connected and the phone device will be transmitting via the 'voice channel'. Any additional dialing digits will be output by the redial device at this point, on the voice channel. All of the aforementioned steps inherently require a **controller** for the purpose of controlling the hardware.

As per **claim 21**, the system will redial a complete dialing sequence that is stored in memory. The system inherently comprises a 'predetermined information' for the purpose of indicating to the redial system when the end of the stored dialing sequence has been reached. The system is able to differentiate between which digits are initially dialed (dial information) and which extension digits (other information) are sent after a trigger (acknowledgment) has been received. The differentiation is performed by a 'predetermined mark'.

As per **claim 22**, the storing only takes place based on user command (which inherently requires information to be stored in the system for the purpose of the system being able to interface with the command from the user).

As per **claims 23,24**, the system may use analog phone lines. The redial information may be output to the analog line. Unless a predetermined trigger is met (such as 'connected') then none of the "other information" will be transmitted.

As per **claim 25**, the system will function to detect an acknowledgement and then use predetermined mark information to transmit the previously stored 'other information'. Examiner reads this as 'generating the predetermined mark information'.

As per **claim 26**, it is rejected as per the claim 21 rejection.

Response to Arguments

1. Applicant's arguments have been considered but are moot in view of the new ground(s) of rejection.

As per applicant's arguments that Broussard does not disclose an 'acknowledgement' to a dial signal, Examiner disagrees. Examiner reads the 'triggers' of Broussard, such as being 'connected', as the acknowledgement to the communicated dial signal..

2. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Jamal whose telephone number is 571-272-7498. The examiner can normally be reached on M-F 9AM-6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Curtis A Kuntz can be reached on 571-272-7499. The fax phone numbers for the organization


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where this application or proceeding is assigned are **571-273-8300** for regular communications
and **571-273-8300** for After Final communications.

Examiner Alexander Jamal

November 17, 2007


MELUR RAMAKRISHNAIAH
PRIMARY EXAMINER